

| Topic2 Status of OPD-API

Virtual GDTF Meeting

March 8 – 12, 2021

Japan Patent Office



Revision of the XMLization scope document

- ✓ Revision of scope document was agreed at last WG2 meeting
- ✓ Endorsed at last IP5 Heads meeting

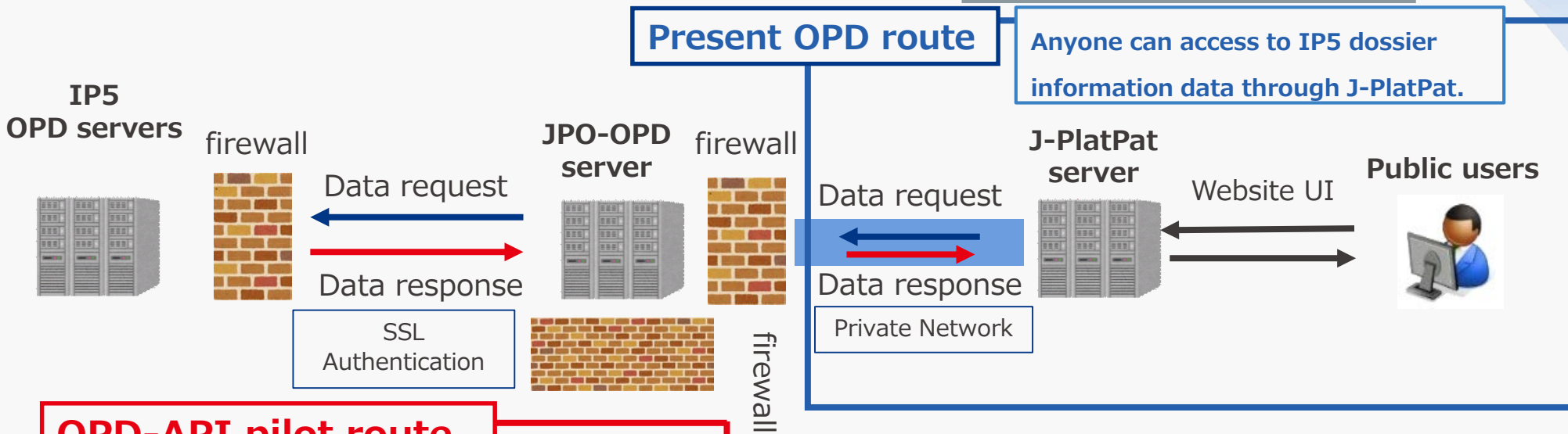
5.3. NEXT PHASE OF XMLIZATION

- To **identify IP5 users'** needs for data **exchange** based on XML, JPO will conduct some pilot programs related with more user-friendly data exchanging **to explore better** data architectures, interfaces (e.g., API), or information items **in accordance with the rules of SLAs.**

OPD-API pilot program - overview

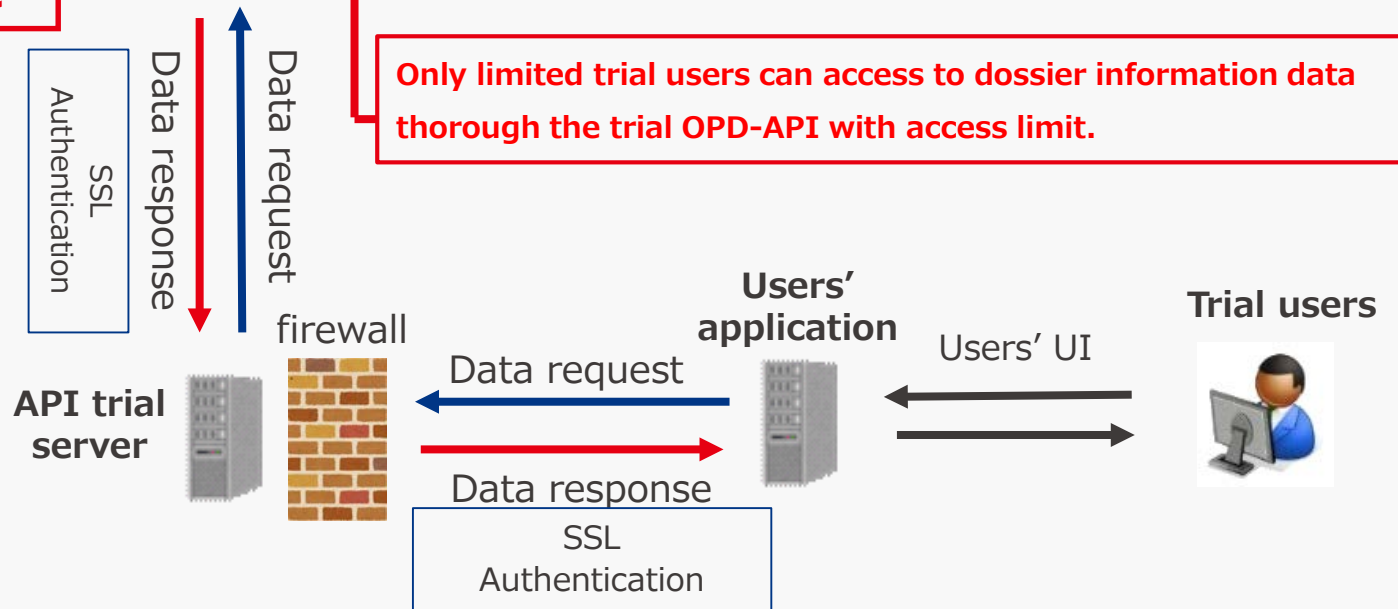
- User
 - ✓ 19 trial users recommended, 10 by **Industry (JIPA)** and 9 by **Attorneys Association (JPAA)**
- Data Scope
 - ✓ **IP5 data** available in OPD
- Trial Period
 - ✓ Available from August 21, 2020
 - ✓ Provide for about 1 year (initial plan)
- Providing APIs
 - ✓ Family API (Patent family information – XML) (from August)
 - ✓ DocList API (Document list – XML) (from August)
 - ✓ DocCont API (Document contents – PDF) (from August)
 - ✓ JPO DocCont API (Document contents – XML) (from December)
 - ✓ C&C API (Citation & Classification – XML) (from August)

Access routes in the OPD-API pilot program



OPD-API pilot route

The OPD-API pilot route is made beyond JPO-OPD server. The data request and response in the OPD-API pilot program are identical to the ones in the present OPD route and handled in same secured way with the limited users and access limit.



Trial users' use cases (including idea)

Related to XML

- ✓ **Data extraction from XML documents**
 - Dispatch/Filing date
 - Data related to fees (number of claims, etc.)
 - Latest Applicant's Information (Name, address, ID, etc.) (idea)
 - Citation information (idea)
- ✓ **Utilization of Text Data**
 - Preparation of amendments/arguments
 - Generating Machine Translation (idea)

Not related to XML

- ✓ **"Direct Access" to Dossier information**
 - Handling of dossier information with familiar interfaces of users' own system

Trial users' feedback

Positive feedback

- ✓ **Less manual operation decreases human errors**
- ✓ **Improved efficiency of global patent management**
 - Automation decreases time for input and checking
 - Saved time can be used for considering substances
- ✓ **Easy retrieval of XML documents are useful**
 - PDF is fine for just reading, but XML is better from perspective of data utilization

Future expectations

- ✓ **Would like to continue to use, not just in pilot program**
 - So useful that the users wish it is not to be terminated
 - Using long term will bring about new idea for use cases

Thank you!

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